

*Leptin*  
*Leptin R*  
*Mc4r*  
*Mc3r*  
*Npy*  
*Pomc*  
*Cart*  
*Pc1*  
*Cpe*  
*5ht*  
*Tub*

WT AAT Asn  
ENU GAT Asp  
N222D

**FIG. 1**

Mouse Pcl	CAGEIAMQANNHKCGVGVAY
Human Pcl	-----
Pig Pcl	-----
Rat Pcl	-----
Sea hare Pcl	---V-I-----R-I--
Mouse Pc6	---V-AS---SY-I--I--
Mouse furin	---V-AV---GV-----
Snail furin2	---V-AE---TY-TI-I-P
198 Pcl	-----D-----
Yeast Kex2	-----NF-----G-
Subtilisin	V---TV-A-----NSI---L---P
N222=N76 in subtilisin	

FIG. 2

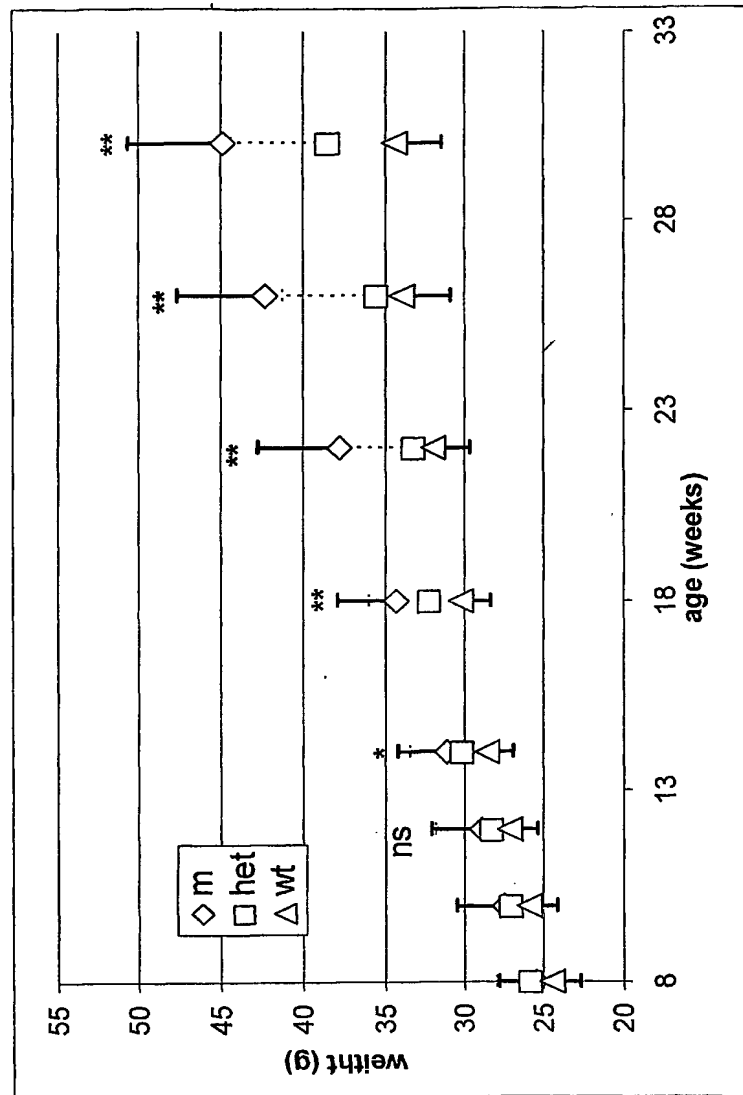
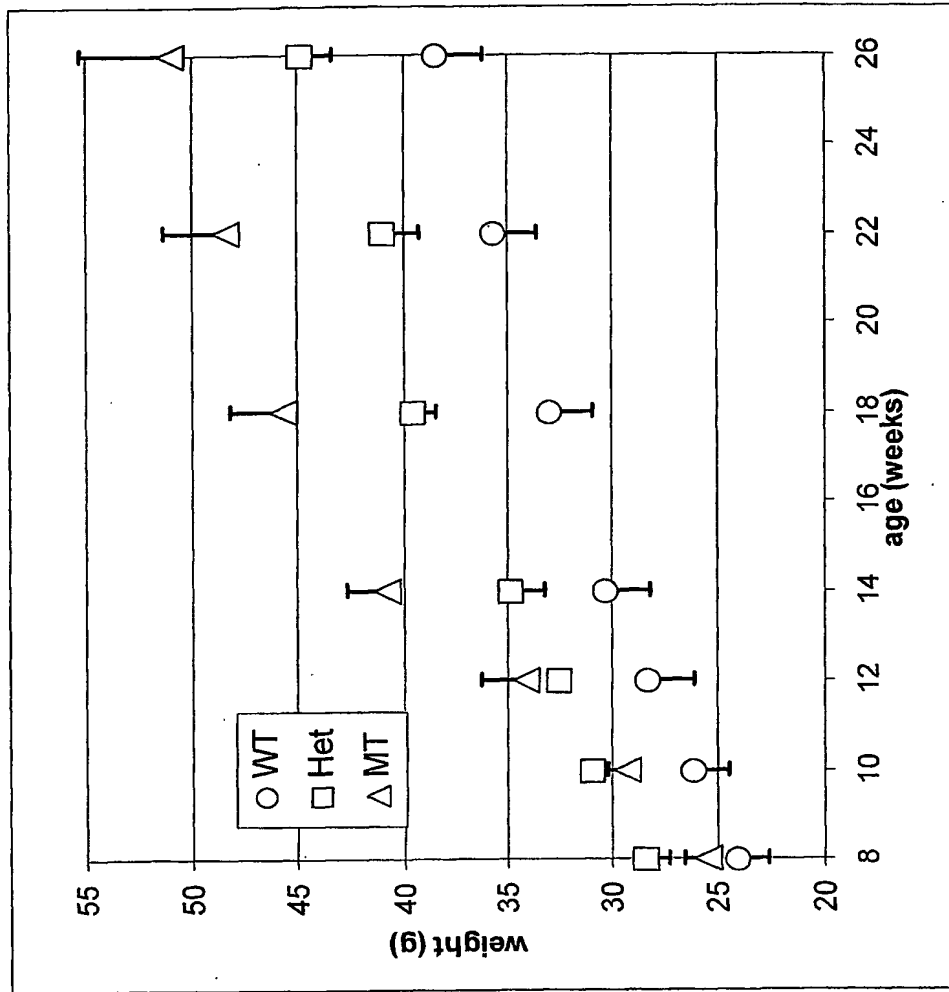
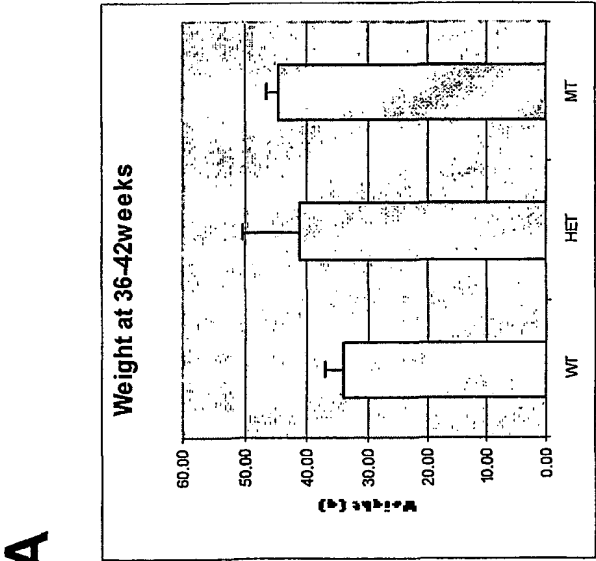
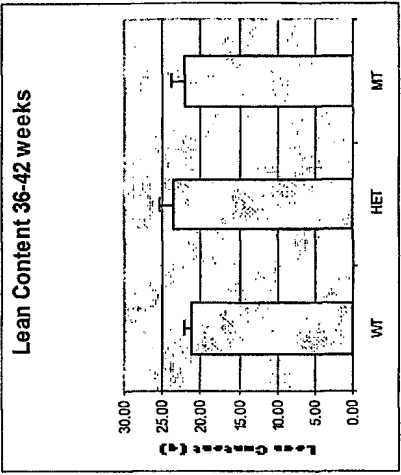
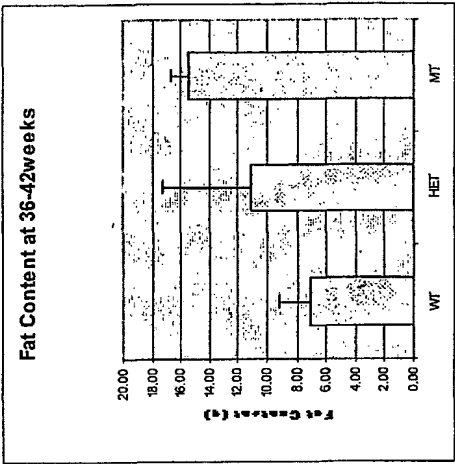


FIG. 3A

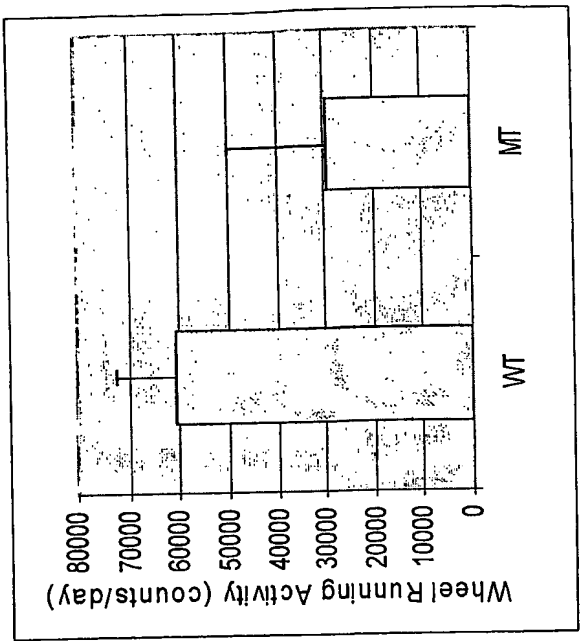
FIG. 3B





**FIG. 4**

B.



A.

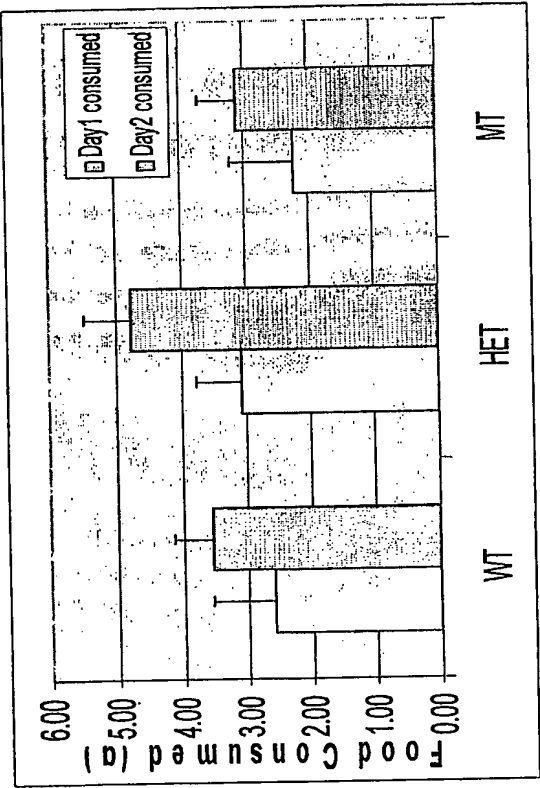
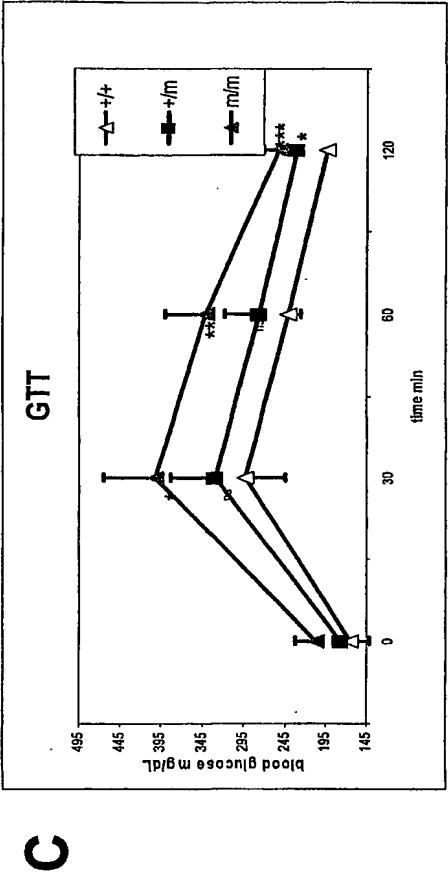
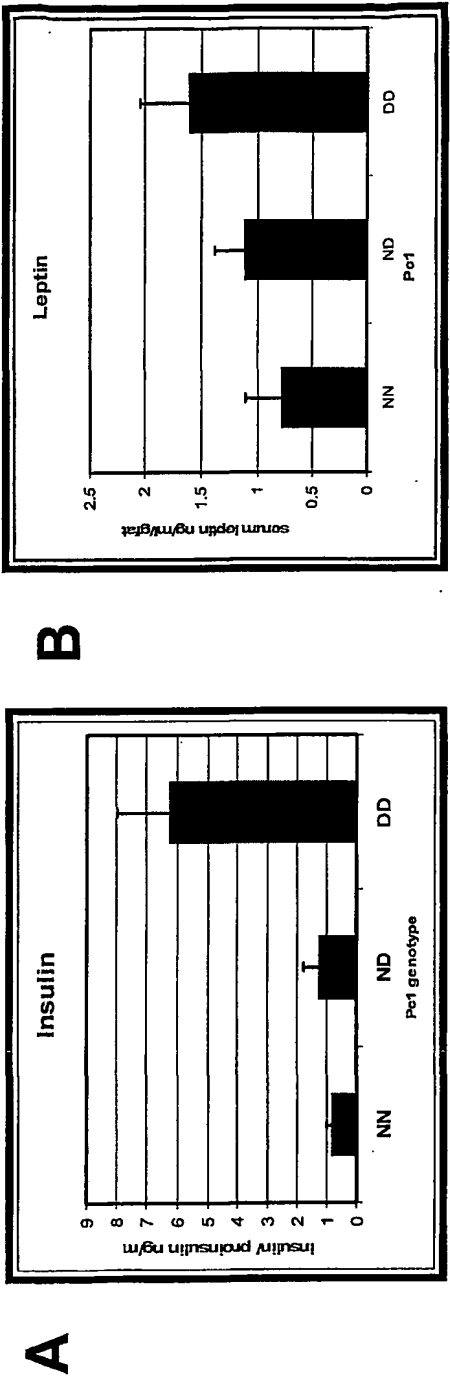


FIG. 5



**FIG. 6**

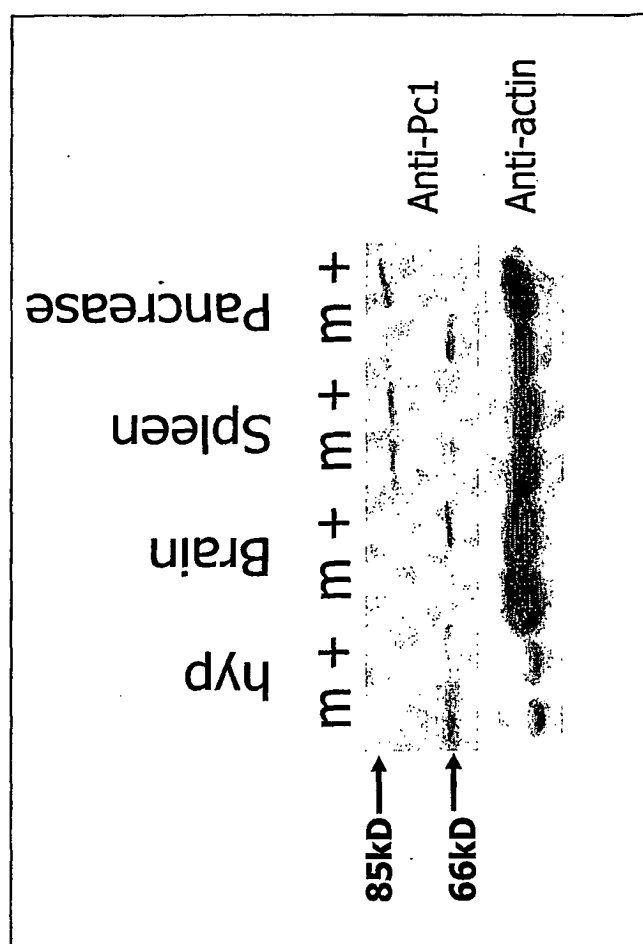


FIG. 7